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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : Jennie S. HWANG  
FOR : LEAD-FREE SOLDER  
COMPOSITIONS  
SERIAL NO. : 10/056,667  
FILED : October 29, 2001  
ATTORNEY DOCKET NO. : RJM 2 0062

Cleveland, Ohio 44114-2518  
February 13, 2002

SUBMISSION OF EXECUTED DECLARATION  
TO COMPLETE FILING REQUIREMENTS

Assistant Commissioner for Patents  
Washington, D. C. 20231  
**BOX MISSING PART**

Dear Sir:

Applicant herewith submits an executed Declaration/Power of Attorney to complete the filing requirements for the above-identified application.

CERTIFICATE OF MAILING

I hereby certify that this document and related papers are being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Assistant Commissioner for Patents,  
Washington, D.C. 20231 on Feb. 14, 2002.

By:

Mary Ann Temesvari

Mary Ann Temesvari

*This paper redone and  
Resubmitted herewith  
in response to  
Missing Parts  
notice*

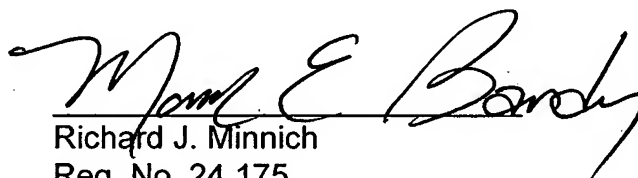
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A check in the amount of \$130.00 is enclosed for the surcharge fee required under 37 CFR 1.16(e) for filing the Declaration later than the filing date of the application itself. Please charge Deposit Account 06-0308 for any deficiencies in fees which may be necessary with regard to this submission.

The foregoing submission is believed to meet the filing requirements for this application, and the applicant awaits further action on the application from the Patent and Trademark Office.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & McKEE, LLP



Richard J. Minnich  
Reg. No. 24,175  
Mark E. Bandy  
Reg. No. 35,788  
1100 Superior Avenue, Suite 700  
Cleveland, Ohio 44114-2579  
(216) 861-5582

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : Jennie S. HWANG  
FOR : LEAD-FREE SOLDER  
COMPOSITIONS  
SERIAL NO. : 10/056,667  
FILED : October 29, 2001  
ATTORNEY DOCKET NO. : RJM 2 0062

Cleveland, Ohio 44114-2518  
March 25, 2002

RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF APPLICATION UNDER 35 CFR 371

Assistant Commissioner for Patents  
Washington, D. C. 20231  
BOX MISSING PART

Dear Sir:

Responsive to the Notice to File Missing Parts issued February 21,  
2002 on the above-captioned patent application, an executed Declaration/Power  
of Attorney is enclosed herewith.

CERTIFICATE OF MAILING

I hereby certify that this document and related  
papers are being deposited with the United States  
Postal Service as first class mail in an envelope  
addressed to:  
Assistant Commissioner for Patents,  
Washington, D.C. 20231 on March 25, 2002.

By:

Mary Ann Temesvari  
Mary Ann Temesvari

## BEST AVAILABLE COPY

A check in the total amount of \$65.00 is enclosed for the surcharge fee required under 37 CFR 1.16(e) for filing the Declaration later than the filing date of the application itself. Please charge Deposit Account 060308 for any deficiencies in fees or for any extensions of time which may be necessary with regard to this submission.

The foregoing submissions are believed to meet the requirements of the Notice to File Missing Parts, and the applicant awaits further action on the application from the Patent and Trademark Office.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & McKEE, LLP



Richard J. Minnich  
Reg. No. 24,175  
Mark E. Bandy  
Reg. No. 35,788  
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Cleveland, Ohio 4411-2518  
(216) 861-5582  
Customer No. 27885



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/056,667	10/29/2001	Jennie S. Hwang	RJM 2 0062

27885

FAY, SHARPE, FAGAN, MINNICH & MCKEE, LLP  
1100 SUPERIOR AVENUE, SEVENTH FLOOR  
CLEVELAND, OH 44114



CONFIRMATION NO. 1009

## FORMALITIES LETTER



\*OC000000007504913\*

Date Mailed: 02/21/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 65.

*A copy of this notice MUST be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

04/05/2002 SSESHE1 00000019 10056667

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65.00 00

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Jennie S. HWANG  
For : **LEAD-FREE SOLDER COMPOSITIONS**  
Serial No. : 10/056,667  
Filing Date : October 29, 2001  
Attorney Docket No. : RJM 2 0062

Cleveland, Ohio 44114-2518  
March 25, 2002

STATEMENT REGARDING USPS MAIL DELAYS

Assistant Commissioner for Patents  
Washington, D. C. 20231

Dear Sir:

The enclosed documents, "Request to Withdraw Previously Filed Petition to Obtain Filing Date" and "Information Disclosure Statement", were mailed to the USPTO on the date of the certificate of mailing, i.e. February 14, 2002. For reasons unknown to us, this information was returned to our offices on March 25, 2002.

Pursuant to the OG Notice entitled "Processing of, and Requirements for, the Filing of Duplicate Applications and Papers in Patent Applications in view of USPS Mail Delays," Section II.B., Applicants respectfully request that the USPTO shall accept the enclosed copies of the previously mailed documents with signed and dated Certificate of Mailing as to have been timely filed.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & McKEE, LLP

Date: March 25, 2002

Mark E. Bandy  
Richard J. Minnich  
Reg. No. 24,175  
Mark E. Bandy  
Reg. No. 35,788  
1100 Superior Avenue, Seventh Floor  
Cleveland, Ohio 4411-2518  
Telephone: (216) 861-5582

CERTIFICATE OF MAILING

I hereby certify that this STATEMENT REGARDING USPS MAIL DELAYS in connection with the above identified U.S. Patent Application is being deposited with the United States Postal Service and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on March 25, 2002.

Mary Ann Temesvari  
Mary Ann Temesvari

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : Jennie S. HWANG  
FOR : LEAD-FREE SOLDER  
COMPOSITIONS  
SERIAL NO. : 10/056,667  
FILED : October 29, 2001  
ATTORNEY DOCKET NO. : RJM 2 0062



*Petition  
Dismissed  
as moot  
E. Jones  
from OPLA*

Cleveland, Ohio 44114-2518  
February 14, 2002

REQUEST TO WITHDRAW PREVIOUSLY FILED  
PETITION TO OBTAIN FILING DATE

Assistant Commissioner for Patents  
Washington, D. C. 20231  
**BOX MISSING PART**

Dear Sir:

On January 17, 2002, Applicant's attorneys filed a Petition for the Office to grant the above-captioned application a filing date of October 29, 2001. A copy of that Petition is enclosed herewith.

CERTIFICATE OF MAILING

I hereby certify that this document and related papers are being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Assistant Commissioner for Patents,  
Washington, D.C. 20231 on Feb. 14, 2002.

By:

Mary Ann Temesvari  
Mary Ann Temesvari




Recently, Applicant's attorneys received a return postcard with the U.S. PTO receipt date stamp and filing serial number for this application. A copy of that postcard is enclosed.

Accordingly, the previously filed Petition is moot.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & McKEE, LLP

A handwritten signature in cursive script, appearing to read "Mark E. Bandy", is written over a horizontal line.

Richard J. Minnich

Reg. No. 24,175

Mark E. Bandy

Reg. No. 35,788

1100 Superior Avenue, Suite 700

Cleveland, Ohio 44114-2579

(216) 861-5582



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/056,667	10/29/2001	1742	370	RJM 2 0062		18	1

CONFIRMATION NO. 1009

27885

FAY, SHARPE, FAGAN, MINNICH & MCKEE, LLP  
1100 SUPERIOR AVENUE, SEVENTH FLOOR  
CLEVELAND, OH 44114

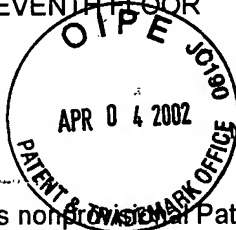
**RECEIVED**

FEB 26 2002

FILING RECEIPT



\*OC000000007504912\*



FAY, SHARPE, FAGAN,  
MINNICH & MCKEE, LLP

Date Mailed: 02/21/2002

Receipt is acknowledged of this non-provisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Jennie S. Hwang, Moreland Hills, OH;

**Assignment For Published Patent Application**

H-Technologies Group, Inc.;

**Domestic Priority data as claimed by applicant**

THIS APPLN CLAIMS BENEFIT OF 60/244,506 10/31/2000  
AND CLAIMS BENEFIT OF 60/243,796 10/27/2000 \*  
(\* ) Data inconsistent with PTO records.

**Foreign Applications**

If Required, Foreign Filing License Granted 02/20/2002

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

**\*\* SMALL ENTITY \*\*****Title**

Lead-free solder compositions

**Preliminary Class**

420

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).